

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) A backlight unit for a liquid crystal display, comprising:
a light source comprising:
a plurality of basic cell structures, wherein each basic cell structure, comprising:
three unique colors of first, second and third light emitting diodes; and
an adjacent light emitting diode;
wherein the first, second and third light emitting diode and the adjacent light emitting diode are arranged in a quadrilateral;
wherein the adjacent light emitting diode and one of the first, second and third light emitting diodes are green;
wherein when the adjacent light emitting diode is considered as a center, each three adjacent basic cell structures form a triangle; and
in two of three adjacent basic cell structures, the adjacent light emitting diode is adjacent to the green light emitting diode.

2. (Previously presented) The backlight unit as claimed in claim 1, wherein the first light emitting diode is red, the second and the adjacent light emitting diodes are green and the third light emitting diode is blue.

3-6. (Canceled)

7. (Previously presented) The backlight unit as claimed in claim 2, wherein intensity of the light produced by the basic cell structures is varied by varying power to one of the light emitting diodes.

8. (Canceled)

9. (Original) The backlight unit as claimed in claim 1, further comprising a planar surface, on which the light source is disposed.

10. (Original) The backlight unit as claimed in claim 1, further comprising a dispersion device and a light controlling device, provided above the light source to control produced light.

11. (Currently amended) A liquid crystal display, comprising:

a backlight unit; and

a light source comprising:

a plurality of basic cell structures, wherein each basic cell structure, comprising:
three unique colors of first, second, and third light emitting diodes; and
an adjacent light emitting diode;

wherein the first, second and third light emitting diode and the adjacent light emitting diode are arranged in a quadrilateral;

wherein the adjacent light emitting diode and one of the first, second and third light emitting diodes are green;

wherein when the adjacent light emitting diode is considered as a center, each three adjacent basic cell structures form a triangle; and

in two of three adjacent basic cell structures, the adjacent light emitting diode is adjacent to the green light emitting diode.

12. (Previously presented) The liquid crystal display as claimed in claim 11, wherein the first light emitting diode is red, the second and the adjacent light emitting diodes are green and the third light emitting diode is blue.

13-16. (Canceled)

17. (Previously presented) The liquid crystal display as claimed in claim 12, wherein intensity of the light produced by the basic cell structures is varied by varying power to one of the light emitting diodes.

18. (Canceled)

19. (Original) The liquid crystal display as claimed in claim 11, further comprising a planar surface, on which the light source is disposed.

20. (Original) The liquid crystal display as claimed in claim 11, further comprising a dispersion device and a light controlling device, provided above the light source to control produced light.